

Q2
Figure 3 provides a block diagram of the ThinkLink interface 300. More specifically, the block diagram 300 illustrates a number of different communication devices 302 coupled to a communications server 304 via modern voice or data connections 303. For example, the connection to the communications server 304 from the communication devices 302 could be POTS, ISDN, ADSL, cable modem, LAN or WAN. The communication devices 302 include telephone, fax, cell phone, personal digital assistant (PDA), computer, or any other telephony or data device compatible with existing or future telephone or data networks. The communications server 304 is then coupled to a network operations center (NOC) 312 via a data network 310. A second communications server 320 is shown connected to the NOC 312 via a data network to illustrate connectivity between the devices 302 and other remote devices 330. One skilled in the art will appreciate that while only two server connections are shown to the NOC 312, many other connections are provided. In fact, the number of data connections provided by the NOC 312 is essentially without limit, albeit concurrent connections may be limited by the bandwidth of the data network 310.

IN THE CLAIMS:

Please replace claims 1, 15, 23, 30 and 40 as follows:

- Sub B1
a3
1. (once amended) An apparatus for web initiated telephony between telephonic devices, the apparatus comprising:
- a computer, having a data connection to a web server, for initiating the web server to establish a telephonic connection between a plurality of telephonic devices; and
 - a plurality of point of presence (POP) telephony servers, coupled to a telephone network, and to said web server, said plurality of POP telephony servers for connecting to said plurality of telephonic devices upon a command received from said web server;
- wherein said command is issued by said web server to said plurality of telephonic devices in response to said web server being initiated by a user controlling said computer.

15. (once amended) A system for establishing voice communication between first and second telephone devices coupled to first and second telephone networks, the communication initiated by a computing device coupled to a data network, the system comprising:

5 a first telephony server, coupled to the first telephone network and to the data network;
a second telephony server, coupled to the second telephone network and to the data network;

ay a web server, coupled to said first and second telephony servers via the data network; and
a computing device, coupled to the data network, for making a selection of the first and
10 second telephone devices for communication, and for providing said selection to said web server;
wherein, upon receipt of and in response to said selection of the first and second
telephone devices from said computing device, said web server is initiated by the computing
device to issue commands to said first and second telephony servers to call the first and second
telephone devices, respectively, and to establish voice communication between them.

23. (once amended) A system for establishing voice communication between first and second telephone devices coupled to first and second telephone networks, the communication initiated by a computing device coupled to a data network, the system comprising:

5 a first telephony server, coupled to the first telephone network and to the data network;
a second telephony server, coupled to the second telephone network and to the data network;

as a web server, coupled to said first and second telephony servers via the data network; and
a computing device, coupled to the data network, for making a selection of the first and
second telephone devices for communication, and for providing said selection to said web server;
10 wherein, upon receipt of said selection from said computing device, said web server
commands said first and second telephony servers to call the first and second telephone devices,
respectively, and to establish voice communication between them;

AS
15 wherein said web server comprises a POP database for storing an IP address for said first and second telephony servers, and for associating telephone numbers with either of said first or second telephony servers; and

wherein when said computing device selects said first and second telephone devices for communication, and provides said selection to said web server, said web server determining which of said first and second telephony servers are associated with said selected first and second telephone devices.

30. (once amended) A long distance communication system for establishing voice communication between two or more telephony devices, each coupled to a telephone network, the communication system utilizing a data network as the long distance transmission medium, the communication system comprising

5 a plurality of point of presence (POP) servers, each coupled to a local telephone network, and to the data network;

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a web server, coupled to said plurality of POP servers via the data network, said web server configured to receive information associated with the two or more telephony devices, for selecting one or more POP servers from said plurality of POP servers, and for establishing voice
10 communication between the two or more telephony devices; and

a communication initiation device, coupled to said web server via said data network, for providing selected information associated with the two or more telephony devices to said web server and for initiating the web server to establish the voice communication between the two or more telephony devices via the data network.

40. (once amended) A method for initiating voice communication between two telephony devices, utilizing telephone networks for local communication, and a data network for long distance communication, the method comprising:

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a) selecting the two telephony devices to be connected;

5 b) providing via the data network information associated with the two telephony devices
to a web server;

c) associating local telephony servers with the provided information; and

a7 d) commanding from the web server that the associated local telephony servers establish
communication with their associated telephony device via the data network;

10 wherein voice communication between the two telephony devices via the data network is
established by the web server in response to said web server being initiated.

Please add new claims 45-48 as follows:

45. (new) The apparatus for web initiated telephony as recited in claim 1 wherein said
computer selects first and second telephonic devices for communication and provides said
selection to said web server, said web server determining which of said telephony servers are
associated with said first and second telephonic devices.

a8 46. (new) The system as recited in claim 15 wherein said computing device selects said
first and second telephone devices for communication, and provides said selection to said web
server, said web server determining which of said first and second telephony servers are
associated with said selected first and second telephone devices.

47. (new) The apparatus for web initiated telephony as recited in claim 30 wherein said
communication initiation device selects first and second telephonic devices for communication
and provides said selection to said web server, said web server determining which of said
telephony servers are associated with said first and second telephonic devices.

48. (new) The method for initiating voice communication as recited in claim 40 wherein
said web server determines the telephony server associated with each of said selected first and
second telephone devices.